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P-102, P-103, Transducers

CONFIDENTIAL

27 April 1954

bject:	Project Monitor at on Projects P-60B, P-102, P-103, P-109, P-139, and Subministure Recorder	
1. Ti	me and Place of Meeting: 21-23 April at	
2. <u>Ati</u>	sendance:	
8.	p-60B, Night Landing System, Ultraviolet (1) Drawings and photographs of proposed lens cap and trivere presented by A mock-up of the tripod revealed that	t
wo modifie he autocol or facing hought dea	ations were desirable. First, that a provision be made for limator to face directly upward in addition to the provision from horizontal to 20° above the horizontal. It was also irable to provide a stop to prevent the autocollimator from led to face in the reverse direction. It was agreed that the caps and tripod holder as shown in the drawings but with	2

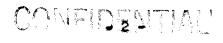
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b. P-102, P-103, Transducers and Actuators, Indexing and Cataloging

- (1) The indexing methods and procedures were discussed in detail. The over-all pattern of the index was approved, however, the discussion revealed inconsistencies and inadequacies which were either remedied on the spot or left for further study. It was agreed that the List of Transducer Inputs and Actuator Outputs would not be divided into four alphabetized divisions (Mechanical, Electrical, Radiant, Chemical) but, rather, in just one alphabetized listing. The breakdown served no purpose and in some cases added confusion. The "active-passive" punches were removed because there is an "auxillary power" punch which would designate an active transducer when punched zero and a passive transducer for any other value. The "auxillary power" field would be punched so that all less than the power chosen would fall out.
- (2) The project had progressed to the point where a decision had to be made on the limits of what should be included in the index. The following limits were agreed upon:
 - (a) Maximum size 1000 in.3
 - (b) Commercial packages only.
- (c) Commercial systems where information on sensing head is not available will list characteristics of whole system.
 - (d) No classified instruments.
- (e) Parallel combinations of transducers (i.e., transducers measuring two or more input variables and combining the outputs to give signal that is a function of the two or more inputs) will not be included.
- (f) Series combinations of transducers (i.e. transducers in which the output of one is the input of the next) will be included.
- (g) Transducers will not include any electrical computation network.
- (3) As a result of agreements made on the punching system, 25X1 will order cards for one index and start processing these cards upon their receipt. A McBee sorter will also be ordered though feels that 25X1 the device can be improved upon.
 - (4) requested a letter confirming the above decisions. 25X1

c. P-109, Microphone



c. P-109, Microphone, Co	ontact:			
development of a particular contact accountic properties of typical wall the desirable characteristics of of this work is first building to Standards for measuring accountic as weeks will be required to produce	Il structures and from this, to determine contact microphones. In order to pursue the instrument designed by the Bureau of amplitude (MBS 2799). Approximately 6 the instrument which will then be used atic properties of well structures. This	25X1		
d. P-139, Chinese Langua	age Decoder:			
(1) is still in like to first make a preliminary of taken on this project.	nterested in this project. They would study to determine the best approach to	25 X 1		
e. Subminiature Recorde	<u>r</u> :			
(1) presented a proposal for a study of recording techniques to determine which would lend itself best to the development of a subminiature recorder. This study will extend for 3 months with a maximum cost of about \$3500.00.				
4. Actions:				
a. APD				
	information on ultraviolet sources and vices.			
(2) P-102, P-103 -	Write letter to confirming decisions	25 X 1		
made at meeting.		25 X 1		
	APD/Tes			
JDH:mmv				
Distribution Orig P-60B 1 - P-102 1 - P-103 1 - P-109 1 - P-139 1 - Subministure Recorder 1 - Chrono				